

CLAIMS

1. A handheld data processing device comprising:

a display/processor module;

5 a first keypad slider; and,

a second keypad slider.

2. The handheld data processing device of Claim 1,

wherein said first keypad slider and said second keypad

10 slider are configurable to fully cover a display surface of

said display/processor module.

3. The handheld data processing device of Claim 1,

wherein said first keypad slider comprises a window.

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4. The handheld data processing device of Claim 3,

wherein said second keypad slider comprises a window.

5. The handheld data processing device of Claim 1,

20 further comprising a display orientation controller.

6. The handheld data processing device of Claim 1,
wherein said first keypad slider is electrically coupled to
said display/processor module by a flexible ribbon connector.

5 7. The handheld data processing device of Claim 1,
wherein said first keypad slider is optically coupled to said
display/processor module.

10 8. The handheld data processing device of Claim 1,
further comprising a detent mechanism for enabling repeatable
and stable extension of the handheld data processing device.

15 9. The handheld data processing device of Claim 1,
wherein said first keypad slider includes a microphone.

10. The handheld data processing device of Claim 9,
further including a voice recognition processor.

20 11. The handheld data processing device of Claim 1,
wherein said first keypad slider includes a speaker.

12. The handheld data processing device of Claim 11,
wherein said second keypad slider includes a microphone.

13. The handheld data processing device of Claim 1,
further comprising a wireless transmitter.

5 14. The handheld data processing device of Claim 1,
further comprising a wireless receiver.

15. The handheld data processing device of Claim 1,
further comprising a line selection driver.

10 16. The handheld data processing device of Claim 1,
wherein said first keypad slider and said second keypad
slider comprise a QWERTY keypad.

15 17. A wireless telephone comprising:
a microphone slider;
a data processing and transceiver module; and,
a speaker slider.

20 18. The wireless telephone of Claim 17, wherein said
data processing and transceiver module comprises a display.

19. The wireless telephone of Claim 17, further comprising a line selection driver.

20. The wireless telephone of Claim 17, further comprising a detent mechanism for enabling repeatable and stable extension of the telephone.

21. The wireless telephone of Claim 17, wherein said data processing and transceiver module comprises a voice recognition processor.

22. The wireless telephone of Claim 18, wherein said display is located on a front side of said data processing and transceiver module, further comprising:

a keypad integrated on a front side of said microphone slider and a microphone integrated on a back side of said microphone slider;

a keypad integrated on a front side of said speaker slider and a speaker integrated on a back side of said

speaker slider

23. A handheld display device comprising:

a data processing unit comprising a processor, a display
and a wireless telephone transceiver unit;

a first sliding cover; and,

a second sliding cover wherein the covers are openable t
5 protect said data processing unit when closed.

24. The handheld display device of Claim 23, wherein
said first sliding cover comprises a window.

10 25. The handheld display device of Claim 24, wherein
said second sliding cover comprises a window, wherein the
windows allow viewing of a portion of said display when the
covers are closed.

15 26. The handheld display device of Claim 23, further
comprising a display orientation controller, for displaying
information on said display in a landscape orientation and in
a portrait orientation..

20 27. The handheld display device of Claim 23, wherein
said first sliding cover is a keypad slider electrically
coupled to said display module by a flexible ribbon
connector.

28. The handheld display device of Claim 23, wherein said first sliding cover is a keypad slider optically coupled to said display module.

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29. The handheld display device of Claim 23, further comprising a detent mechanism for enabling repeatable and stable extension of the display device.

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30. The handheld display device of Claim 23, wherein said first cover slider comprises a microphone.

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31. The handheld display device of Claim 23, wherein said first cover slider comprises a speaker.

32. The handheld display device of Claim 31, wherein said second keypad slider comprises a microphone.

33. The handheld display device of Claim 23, further comprising a wireless transmitter.

34. The handheld display device of Claim 23, further comprising a wireless receiver.

35. The handheld display device of Claim 23, further comprising a line selection driver.

FOOTNOTES